WHAT IS CLAIMED IS:

- 1. A composition comprising a human antibody or antibody fragment reactive with the factor IX/IXa Gla domain.
- 2. The composition of claim 1 wherein the antibody or antibody fragment is selected from the group consisting of
 - (a) a parent antibody or antibody fragment comprising:

a heavy chain variable domain comprising a CDR1, a CDR2 and a CDR3 amino acid sequence wherein the amino acid sequence of CDR1 is selected from the group consisting of:

SEQ ID NO: 10 and

SEQ ID NO: 21;

the amino acid sequence of CDR2 is selected from the group consisting of:

SEQ ID NO: 11

SEO ID NO: 16

SEQ ID NO: 18

SEO ID NO: 20 and

SEQ ID NO: 22;

the amino acid sequence of CDR3 is selected from the group consisting of:

SEQ ID NO: 12

SEQ ID NO: 17

SEQ ID NO: 19 and

SEQ ID NO: 23;

- (b) a variant of (a) having an affinity of at least that of the parent antibody or antibody fragment for the human factor IX/IXa Gla domain; and
- (c) a variant of (a) which competes with the parent antibody for binding the human factor IX/IXa Gla domain.

- 3. The antibody composition of claim 2 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 11 and SEQ ID NO: 12.
- 4. The antibody composition of claim 2 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 16 and SEQ ID NO: 17.
- 5. The antibody composition of claim 2 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 18 and SEQ ID NO: 19.
- 6. The antibody composition of claim 2 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 20 and SEQ ID NO: 12.
- 7. The antibody composition of claim 2 wherein the heavy chain variable region comprises SEQ ID NO: 21, SEQ ID NO: 22 and SEQ ID NO: 23.
- 8. The composition of claim 2 wherein the parent antibody or antibody fragment additionally comprises

a light chain (lc) variable domain comprising a lc-CDR1, a lc-CDR2 and a lc-CDR3 amino acid sequence wherein the amino acid sequence of the lc-CDR1 is selected from the group consisting of:

SEQ ID NO: 13 and

SEQ ID NO: 24;

the amino acid sequence of the 1c-CDR2 is selected from the group consisting of:

SEQ ID NO: 14 and

SEQ ID NO: 25 and

the amino acid sequence of the 1c-CDR3 is selected from the group consisting of:

SEQ ID NO: 15 and

SEQ ID NO: 26.

- 9. The antibody composition of claim 8 wherein the light chain variable region comprises SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15.
- 10. The antibody composition of claim 8 wherein the light chain variable region comprises SEQ ID NO: 24, SEQ ID NO: 25, and SEQ ID NO: 26.
- 11. The antibody composition of claim 8 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 11 and SEQ ID NO: 12 and wherein the light chain variable region comprises SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15.
- 12. The antibody composition of claim 8 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 16 and SEQ ID NO: 17 and wherein the light chain variable region comprises SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15.
- 13. The antibody composition of claim 8 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 18 and SEQ ID NO: 19 and wherein the light chain variable region comprises SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15.
- 14. The antibody composition of claim 8 wherein the heavy chain variable region comprises SEQ ID NO: 10, SEQ ID NO: 20 and SEQ ID NO: 12 and wherein the light chain variable region comprises SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15.

- 15. The antibody composition of claim 8 wherein the heavy chain variable region comprises SEQ ID NO: 21, SEQ ID NO: 22 and SEQ ID NO: 23 and wherein the light chain variable region comprises SEQ ID NO: 24, SEQ ID NO: 25, and SEQ ID NO: 26.
- 16. Isolated nucleic acid encoding the antibody or antibody fragment of claim 1.
- 17. A vector comprising the nucleic acid of claim 16.
- 18. A host cell comprising the vector of claim 17.
- 19. A method of producing an antibody or antibody fragment comprising culturing the host cell of claim 18 under condition wherein the nucleic acid is expressed.
- 20. An article of manufacture comprising
 - (a) a container;
 - (b) a label on said container; and
- (c) a composition comprising an antibody or antibody fragment of claim 1 contained within said container; wherein the composition is effective for treating a coagulation disorder and an optional label on said container indicates that the composition can be used for treating a coagulopathic disorder.
- 21. A method of treating a mammal comprising administering a therapeutically effective amount of a pharmaceutical composition comprising the antibody or antibody fragment of claim 1 to the mammal.

22. A pharmaceutical composition comprising the antibody or antibody fragment of claim 1.